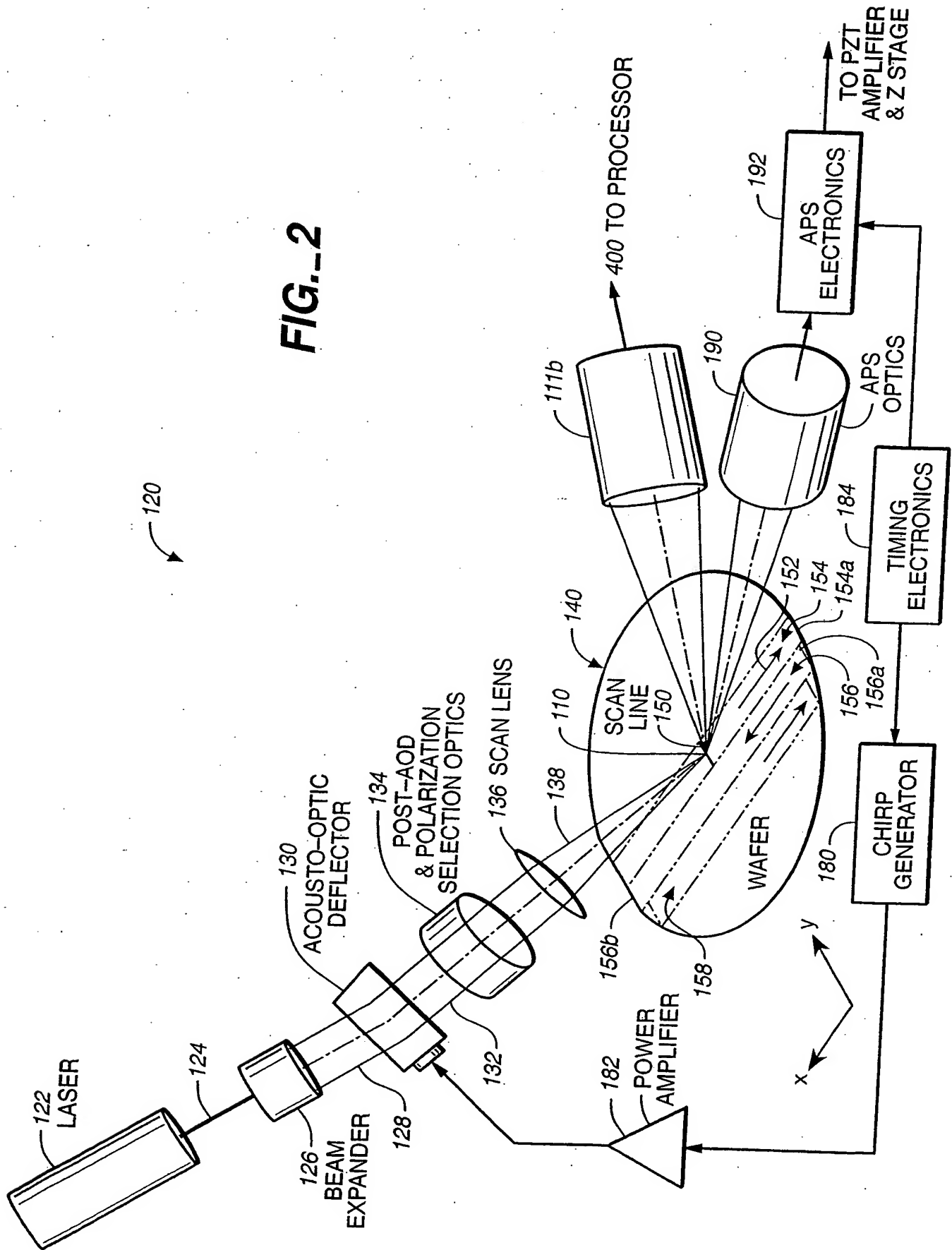
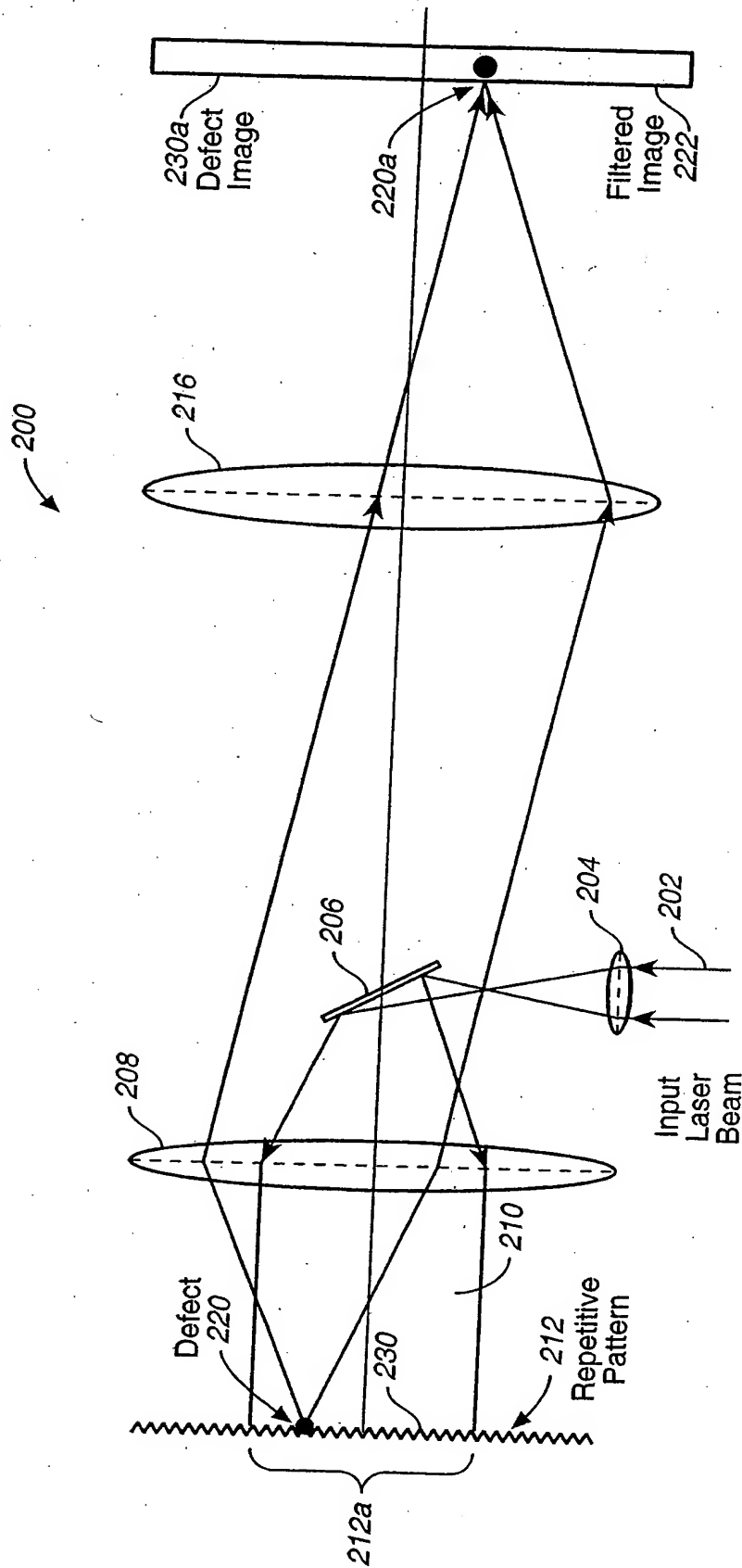


FIG. 1

FIG. 2



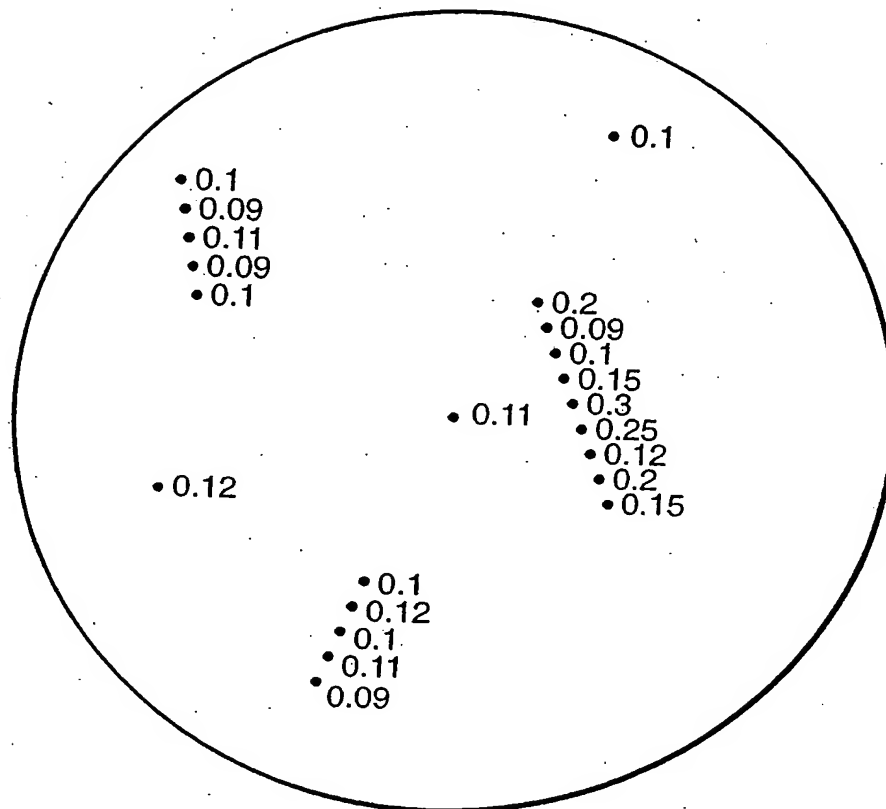
3 / 7



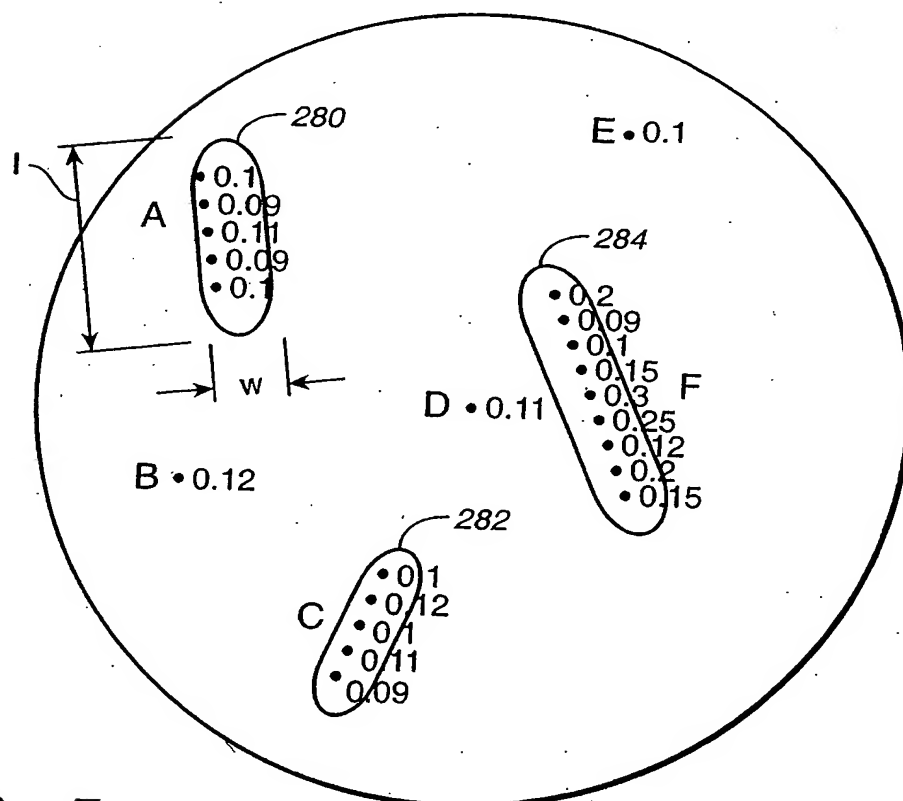
Optical Pattern Filtering Defect Detection

**FIG. 3**

4 / 7

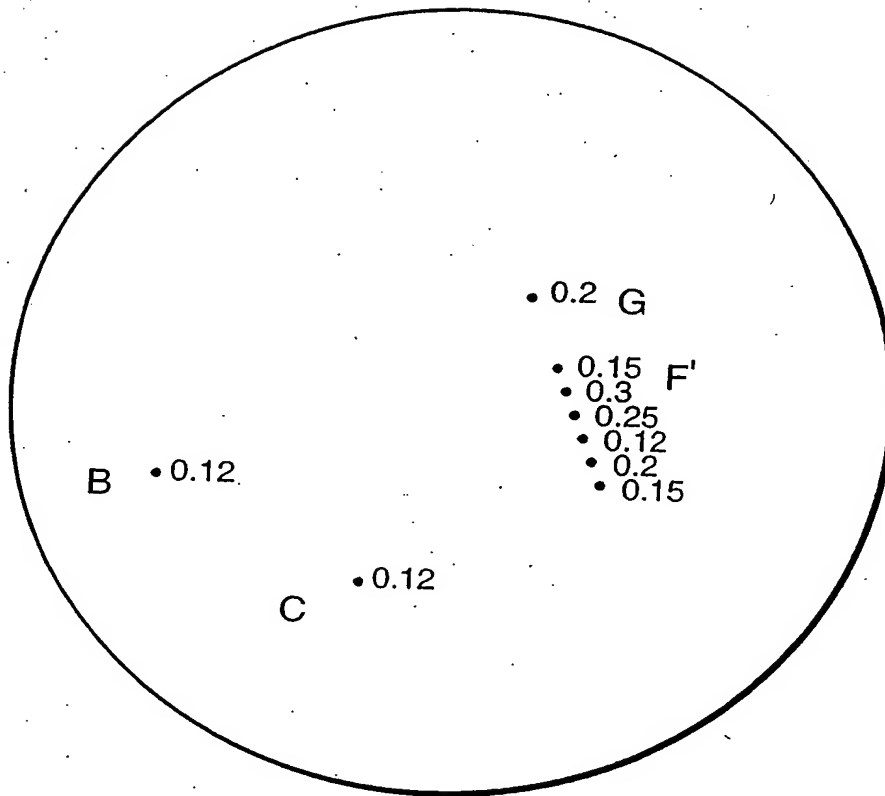
**FIG. 4**

Simulated Distribution of Defects  
After a Scan. Size Indicated in Microns

**FIG. 5**

Initial Clustering in Microscratch Algorithm

5/7



Final Output of the Microscratch Algorithm

**FIG.\_6**

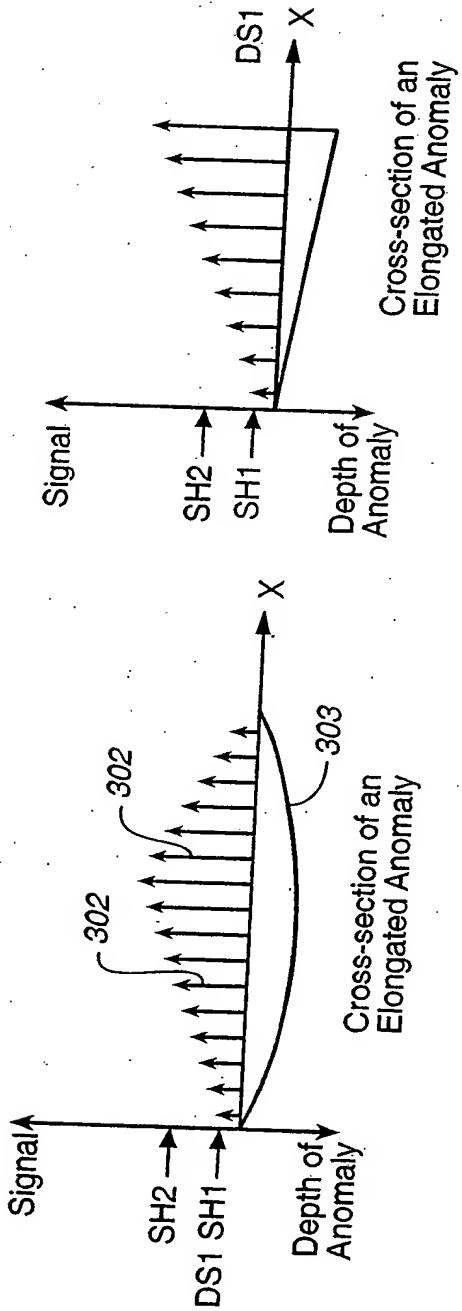


FIG. 7A

FIG. 7B

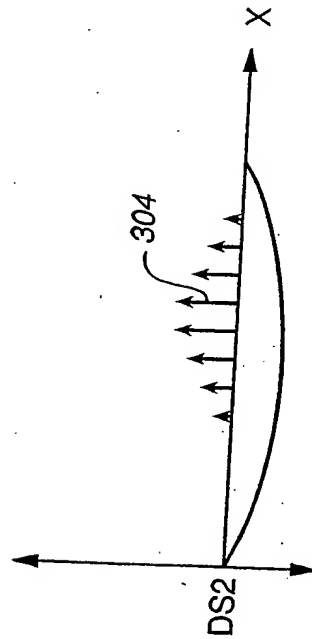


FIG. 8A

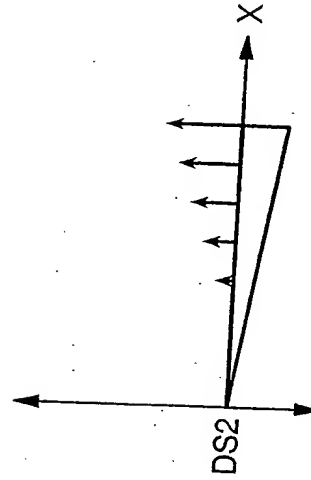


FIG. 8B

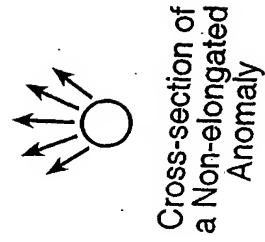


FIG. 9

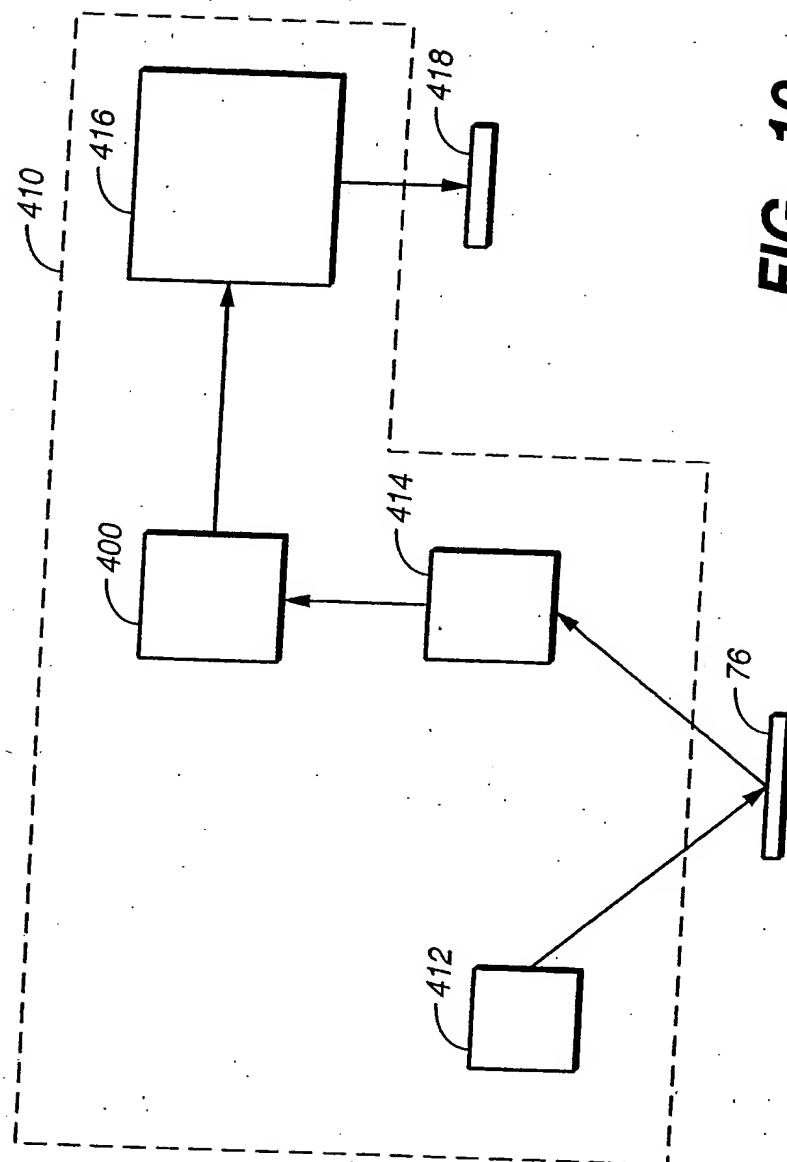


FIG. 10